

Malta Joins the 24-Core Figure-Eight Optical Cable



Article Overview

Malta is enhancing its fiber optic infrastructure by integrating a 24-core figure-8 optical cable, strengthening connectivity and supporting both electricity and telecommunications networks.

Overview of the Project

Malta is currently implementing a second submarine power interconnection with Sicily, which includes a fiber optic component integrated into a high-voltage submarine cable. This project, managed by Nexans, involves manufacturing fiber optic elements in Norway and high-voltage components in Charleston, USA, before final assembly. Once operational, the interconnector will improve Malta's electricity stability, enhance integration with the European grid, and reduce carbon emissions by over 13 million tonnes .

Figure-8 Fiber Optic Cable Technology

The 24-core GYTC8S figure-8 cable is a self-supporting outdoor fiber optic cable designed for aerial deployment. Its distinctive figure-8 cross-section combines optical fibers with a stranded steel wire strength member, providing excellent tensile strength and mechanical durability. The cable is waterproof, crush-resistant, and armored with corrugated steel tape, making it suitable for both aerial and duct installations . This design allows for easy installation without additional support hardware, making it ideal for utility co-deployment and broadband expansion

Article Content

Digital Gateway between the Atlantic and the Mediterranean

Moreover, there is a lack of direct connectivity between Malta and most digital ports in the Mediterranean, since from the five cables

Connectivity in Malta | Connected Networks: Tailoured Solutions

Business Internet & Enterprise Connectivity in Malta Malta is a small island with a genuine single-point-of-failure risk most enterprise

Nexans secures significant contract for Malta-Sicily second

Nexans has been awarded a significant contract by Interconnect Malta (ICM) to deliver high-voltage subsea cable for Malta's second

Watch: Gozo-Malta fibre optic cable gets under way

The Malta-Gozo fibre optic cable has finally got under way, with 24 fibre optics that will be installed guaranteeing "huge amounts of

GO plc completes 13-year true fibre rollout

GO plc has officially declared Malta a "true fibre island," having extended fibre connectivity nationwide – except for a

Malta Signal | News Intelligence Aggregator

The new subsystem makes GO the only Maltese operator with three submarine cables, significantly improving performance for

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

